

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S87 and (etch near5 time) near5 seconds))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:49
		S58 and (leak\$3 with (reduc\$4 low\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:49
		S57 and (leak\$3 with (reduc\$4 low\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:48
		S57 with planariz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:48
		(438/396,399,253).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 15:44
		("5244534"   "5356513"   "5527423"   "5676587"   "5818110"   "5821168"   "5938505"   "6001730"   "6004188"   "6103569"   "6117782"   "6146986"   "6150272"   "6235633").PN. OR ("6372632"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:35
		S48 and ((post near2 (CMP or (chemical near2 polish))) with planariz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:33
		("5244534"   "5356513"   "5527423"   "5676587"   "5818110"   "5821168"   "5938505"   "6001730"   "6004188"   "6103569"   "6117782"   "6146986"   "6150272"   "6235633").PN. OR ("6372632"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/01 15:33

		("5244534"   "5356513"   "5527423"   "5676587"   "5818110"   "5821168"   "5938505"   "6001730"   "6004188"   "6103569"   "6117782"   "6146986"   "6150272"   "6235633").PN. OR ("6372632").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:33
		("6117782").PN. OR ("6380078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:27
		("6117782").PN. OR ("6380078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:27
		("6117782").PN. OR ("6380078").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:26
S1	6	"6635528"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:48
S2	827	(438/633).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 10:59
S3	223	S2 and ((recess or step) with (reduc\$4 relief\$3 relief\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:55
S4	37	S2 and ((recess or (step near3 height)) with (reduc\$4 relief\$3 relief\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:57
S5	6	S2 and ((dielectric or insulator) with ((recess or (step near3 height)) with (reduc\$4 relief\$3 relief\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:58
S6	1257	(438/710).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 11:05

S7	8	S6 and ((dielectric or insulator) with (recess with etch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:01
S8	272	S6 and ((dielectric or insulator) with (recess or step))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:01
S9	11384	(438/396,399,597,633,639-640,692, 710,734,253).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 13:58
S10	8646	S9 and (interconnect via viahole through-hole contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:10
S11	303	S10 and ((interconnect via viahole through-hole contact) near5 (recess))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:09
S12	3912	S10 and (CMP or (chemical near3 polish))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:11
S13	118	S10 and ((dielectric or insulator) near5 (etch near2 back) or (recess near2 reduc\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:14
S14	8	S12 and (((interconnect via viahole through-hole contact metal) near5 recess) same ((dielectric insulator ILD) with etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 11:17

S15	14	("5229326"   "5244534"   "5244837"   "5262354"   "5286675"   "5338700"   "5354712"   "5578523"   "5612254"   "5635423"   "5658830"   "5716883"   "5904563"   "5910020").PN. OR ("6028004"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:20
S16	173	("3841031"   "4193226"   "4714686"   "4811522"   "4936950"   "4992135"   "5055426"   "5137597"   "5152868").PN. OR ("5244534"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:22
S17	15	("4960732"   "5166093"   "5244534"   "5356836"   "5527423"   "5554565"   "5686355"   "5700716"   "5714038"   "5759905"   "5801098"   "5837608"   "5847463"   "5893749"   "5911113").PN. OR ("6184120").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:39
S18	5	"6372648"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:41
S19	1	"6919233"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:42
S20	1	"6803641"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:43
S21	21	("3914138"   "4954189"   "5043044"   "5084419"   "5244534"   "5318663"   "5429711"   "5502008"   "5529950"   "5580821"   "5622636"   "5622875"   "5627110"   "5639388"   "5647952"   "5683282"   "5776808"   "5851928"   "5942449"   "6127279").PN. OR ("6426288").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:55
S22	10	("4968381"   "5244534"   "5676587"   "5795826"   "5801094"   "5853604"   "5934980"   "6001730"   "6004188"   "6083840").PN. OR ("6555466").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 11:56
S23	4	("5275963"   "5578523"   "5654236"   "5882999").PN. OR ("6551920"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 12:22
S24	2	("4992135"   "5662769").PN. OR ("6274480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 12:41

S25	12131	(438/396,399,597,633,639-640,692,710,734,253,700).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 14:16
S26	9213	S25 and (interconnect via viahole through-hole contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 13:59
S27	4515	S26 and (CMP or (chemical near3 polish) or damascene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:07
S28	4802	S26 and (planariz\$5 or (etch adj back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:05
S29	3463	S27 and (planariz\$5 or (etch adj back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:01
S30	832	S27 and (etch adj back)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:01
S31	500	S30 and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:02
S32	70	S31 and (metal-insulator-metal or MIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:03

S33	374	S28 and (damascene with planariz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:06
S34	31	S27 and (damascene with (etch adj back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:11
S35	163	S27 and ((dielectric or insulator) with (etch adj back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:14
S36	163	S27 and ((dielectric or insulator) with (etch adj back))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:14
S37	4978	S25 and (CMP or (chemical near3 polish) or damascene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:16
S38	92	S37 and ((interconnect via viahole through-hole contact) same ((dielectric or insulator) with (etch adj back)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 14:18
S39	2	("5994197"   "6285050").PN. OR ("6656786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 14:24
S40	23	("4946550"   "5312512"   "5332467"   "5399533"   "5403780"   "5459096"   "5482894"   "5532191"   "5540811"   "5573633"   "5679211"   "5686337"   "5759906"   "5780338"   "5814564"   "5963837").PN. OR ("6265315").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 14:27
S41	5	("20020045353"   "20030045099"   "5792705"   "6265315"   "6479399").PN. OR ("6767837").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 14:35

S42	16	("5277985"   "5403779"   "5412250"   "5447887"   "5744376"   "5814557"   "5817572"   "5821168"   "5891513"   "5913141").PN. OR ("6130157").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 14:40
S43	11	("4948459"   "5244534"   "5286675"   "5288665"   "5527739").PN. OR ("5907787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 14:48
S44	6	("5262354"   "5585673"   "5854140"   "5907787").PN. OR ("6248660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:03
S45	27	S25 and (post-CMP near2 clean)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:04
S46	191	S25 and (((oxide or dielectric or insulator) near5 etch) with planariz\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 15:06
S47	191	S25 and (((oxide or dielectric or insulator) near5 etch) with planariz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:10
S48	173704	("438").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 15:10
S49	95259	S48 and (interconnect via viahole through-hole contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:17
S50	5888	S49 and (((oxide insulator dielectric) with (planar\$5 even level)) with (interconnect via viahole through-hole contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:12
S51	2893	S50 and (CMP or (chemical near3 polish))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:13

S52	243	S50 and (capacitor with leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:13
S53	161	S51 and (capacitor with leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:13
S54	30	S48 and ((post near2 (CMP or (chemical near2 polish))) with planariz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:33
S55	5552	(438/396,399,253).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 15:44
S56	5552	S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:44
S57	962	S55 and (MIM or (metal near4 capacitor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:47
S58	447	S57 and planariz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:48
S59	116	S58 and (leak\$3 with (reduc\$4 low\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 15:49



S60	31	("5747843"   "5789303"   "5811353"   "5849618"   "5874359"   "5882488"   "5933749"   "6054360"   "6103623"   "6140674"   "6143649"   "6150206"   "6172387"   "6184551"   "6188098"   "6190956"   "6214723"   "6239010"   "6239462"   "6251740"   "6258640"   "6259149"   "6261893"   "6274936"   "6278153"   "6281536"   "6320214"   "6320244"   "6348723").PN. OR ("6479850"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 16:21
S61	19	("20010053591"   "5731634"   "6090661"   "6107136"   "6130102"   "6166423"   "6235579"   "6255217"   "6274424"   "6313003"   "6329234").PN. OR ("6461914"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 16:28
S62	8	("5005102"   "5216572"   "5903493"   "6177305"   "6180974"   "6214660").PN. OR ("6323044"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 16:33
S63	35	("5003428"   "5005102"   "5053917"   "5142437"   "5185689"   "5335138"   "5407855"   "5555486"   "5567964"   "5622893"   "5701647"   "5714402"   "5717236"   "5790366").PN. OR ("6180974"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/01 16:34
S64	8	("5005102"   "5216572"   "5903493"   "6177305"   "6180974"   "6214660").PN. OR ("6323044"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 09:12
S65	173825	("438").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/02 11:03
S66	21565	S65 and capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 09:13
S67	11199	S65 and (capacitor same (interconnect via viahole through-hole contact))	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 09:13
S68	11468	S65 and (capacitor same (interconnect via viahole through-hole contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:13

S69	8039	S65 and (capacitor with (interconnect via viahole through-hole contact))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:14
S70	1320	S69 and ((interconnect via viahole through-hole contact) with planar\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:12
S71	807	S70 and (CMP or chemical near3 polish)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:38
S72	297	S71 and (capacitor.ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:18
S73	5	S72 and (planar\$4.ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:17
S74	297	S71 and (capacitor\$1.ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:02
S75	11	("4948459"   "5244534"   "5286675"   "5288665"   "5527739").PN. OR ("5907787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 09:29
S76	77	S71 and (polish\$3 adj10 etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:40
S77	4	S71 and (polish\$3 adj10 (dielectric near5 etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 09:56

S78	16	("4214946"   "5641991"   "5726085"   "5728619"   "5793077"   "6008514").PN. OR ("6239022"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 10:12
S79	4	("5920761"   "6239022"   "6277731").PN. OR ("6528327"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 10:20
S80	31	("4936950"   "5244534"   "5269880"   "5286675"   "5320979"   "5371042").PN. OR ("5580821"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 10:35
S81	27	("4836885"   "4936950"   "4992135"   "5173439"   "5244534"   "5585673"   "5604158"   "5627094"   "5670019"   "5676587"   "5769691"   "5792688"   "5854126"   "5874345"   "5889328"   "5895239"   "5932487"   "5950102").PN. OR ("6221775"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 10:40
S82	0	S74 and CH2F2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:02
S83	3	S74 and CHF3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:02
S84	42	S65 and CH2F2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:05
S85	1	S65 and ((via or interconnect) near10 CH2F2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:06
S86	3	S65 and ((via or interconnect) same CH2F2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:06

S87	134	S70 and etch and gas and sccm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:48
S88	30	S87 and "100" near3 sccm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:13
S89	15	S87 and ((etch near5 time) near5 seconds)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:49

EAST

8/2/05

SJF